IN THE CLAIMS

Please amend the claims to be in the form as follows:

1. (Currently amended) A method for tracking an object of interest in a video processing system, the method comprising the steps of:

generating for ~~particular ones of successive plural a~~ particular ones of successive plural ~~given~~ measurement ~~interval~~ intervals an audio locator output from an audio input derived from detecting sound from an object, and a video locator output from a video ~~input,~~ input derived partly from a camera detecting movement of an object, each indicative of a location of the object of interest;

applying a set of rules to each of the audio locator output and video locator output to determine which ~~of at least~~ one of the audio locator output and the video locator output will be utilized to adjust a setting of the camera during each one of said successive plural ~~based on the given~~ measurement ~~interval,~~ intervals; and

adjusting the camera setting utilizing only the selected ~~at least~~ one of the audio locator output and the video locator output in accordance with the applied set of rules.

2. (Original) The method of claim 1 wherein the object of interest comprises a moving person.

3. (Original) The method of claim 1 wherein the camera is a pan-tilt-zoom (PTZ) camera having adjustable pan, tilt and zoom settings.

4.   (Original) The method of claim 1 wherein the set of rules
includes determining if the audio locator and video locator outputs
are sufficiently close for the given measurement interval, and
utilizing only the audio locator output to adjust the camera
setting if the audio and video locator outputs are not within a
specified range of one another for the given measurement interval.

5.   (Original) The method of claim 4 wherein the set of rules
further includes utilizing the video locator output to adjust the
camera setting only if the audio and video locator outputs are
within a specified range of one another for the given measurement
interval.

6.   (Canceled).

7.   (Original) The method of claim 1 wherein the set of rules
includes determining based on the audio locator output if the
object of interest corresponds to a new speaker in a multiple-
participant system, and if a new speaker is detected, directing the
camera to zoom out by a predetermined amount and to turn in a
direction of the new speaker.

8.   (Previously presented)   The method of claim 1 wherein the set
of rules includes determining based on the audio locator output if
the object of interest corresponds to a same speaker in a multiple-
participant system, and if the same speaker is detected, utilizing
the video locator output to adjust the camera setting so as place
the same speaker at a designated position within one or more video
frames generated by the camera.

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9. (Original) The method of claim 8 wherein the set of rules further includes adjusting a zoom setting of the camera until a head of the identified same speaker occupies a designated portion of a given one of the one or more video frames generated by the camera.

10. (Original)   The method of claim 1 wherein the set of rules specifies that the camera is zoomed out by a predetermined amount after a detected period of continued silence exceeds a first amount of time.

11. (Original)   The method of claim 10 wherein the set of rules further specifies that the camera is zoomed out by an additional amount if the detected period of continued silence exceeds a second amount of time greater than the first amount of time.

12. (Currently amended) An apparatus for tracking an object of interest in a video processing system, the apparatus comprising:

a camera; and

a processor coupled to the camera and operative (i) to process an audio locator output from an audio input signal, ~~signal~~ and a video locator output from a video input signal derived partly from movement of the object, ~~signal,~~ each indicative of a location of the object of interest for ~~a~~ particular ones of given measurement ~~interval;~~ intervals of a plurality of successive measurement intervals; and (ii) to apply a set of rules to each of the audio locator output and the video locator output to determine which ~~of at least~~ one of the audio locator output and the video locator output will be utilized to adjust a setting of the camera based on the given measurement interval, such that the camera

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setting is adjusted utilizing <u>only</u> the selected ~~at least~~ one of the audio locator output and the video locator output in accordance with the applied set of rules.

13. (Original)   The apparatus of claim 12 wherein the object of interest comprises a moving person.

14. (Original)   The apparatus of claim 12 wherein the camera is a pan-tilt-zoom (PTZ) camera having adjustable pan, tilt and zoom settings.

15. (Original)   The apparatus of claim 12 wherein the set of rules includes determining if the audio locator and video locator outputs are sufficiently close for the given measurement interval, and utilizing only the audio locator output to adjust the camera setting if the audio and video locator outputs are not within a specified range of one another for the given measurement interval.

16. (Original)   The apparatus of claim 15 wherein the set of rules further includes utilizing the video locator output to adjust the camera setting only if the audio and video locator outputs are within a specified range of one another for the given measurement interval.

17. (Canceled).

18. (Original)   The apparatus of claim 12 wherein the set of rules includes determining based on the audio locator output if the object of interest corresponds to a new speaker in a multiple-participant system, and if a new speaker is detected, directing the

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camera to zoom out by a predetermined amount and to turn in a
direction of the new speaker.

19.   (Previously presented)   The apparatus of claim 12 wherein the
set of rules includes determining based on the audio locator output
if the object of interest corresponds to a same speaker in a
multiple-participant system, and if the same speaker is detected,
utilizing the video locator output to adjust the camera setting so
as place the same speaker at a designated position within one or
more video frames generated by the camera.

20.   (Original)   The apparatus of claim 19 wherein the set of
rules further includes adjusting a zoom setting of the camera until
a head of the identified same speaker occupies a designated portion
of a given one of the one or more video frames.

21.   (Original)   The apparatus of claim 12 wherein the set of
rules specifies that the camera is zoomed out by a predetermined
amount after a detected period of continued silence exceeds a first
amount of time.

22.   (Original)   The apparatus of claim 21 wherein the set of
rules further specifies that the camera is zoomed out by an
additional amount if the detected period of continued silence
exceeds a second amount of time greater than the first amount of
time.

23.   (Currently amended) An article of manufacture comprising a
storage medium for storing one or more programs for tracking an

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object of interest in a video processing system, wherein the one or more programs when executed by a processor implement the steps of:

generating for <u>particular ones of</u> ~~a~~ given measurement ~~interval~~ <u>intervals of a plurality of successive measurement intervals,</u> an audio locator output from an audio <u>input,</u> ~~input~~ and a video locator output from a video ~~input,~~ <u>input derived partly from detection of movement of the object,</u> each indicative of a location of the object of interest;

applying a set of rules to each of the audio locator output and the video locator output to determine which ~~of at least~~ one of the audio locator output and the video locator output will be utilized to adjust a setting of the camera based on the given measurement interval; and

adjusting the camera setting utilizing <u>only</u> the <u>selected</u> ~~at least~~ one of the audio locator output and the video locator output in accordance with the applied set of rules.

24. (Previously presented)   The method of claim 1 wherein the set of rules further includes determining if a confidence indicator associated with the video locator output is above a specified video locator threshold for the given measurement interval, and utilizing the video locator output to adjust the camera setting only if the video locator confidence indicator is above the video locator threshold for the given measurement interval.

25. (Previously presented)   The apparatus of claim 12 wherein the set of rules further includes determining if a confidence indicator associated with the video locator output is above a specified video locator threshold for the given measurement interval, and utilizing the video locator output to adjust the camera setting only if the

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video locator confidence indicator is above the video locator
threshold for the given measurement interval.

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